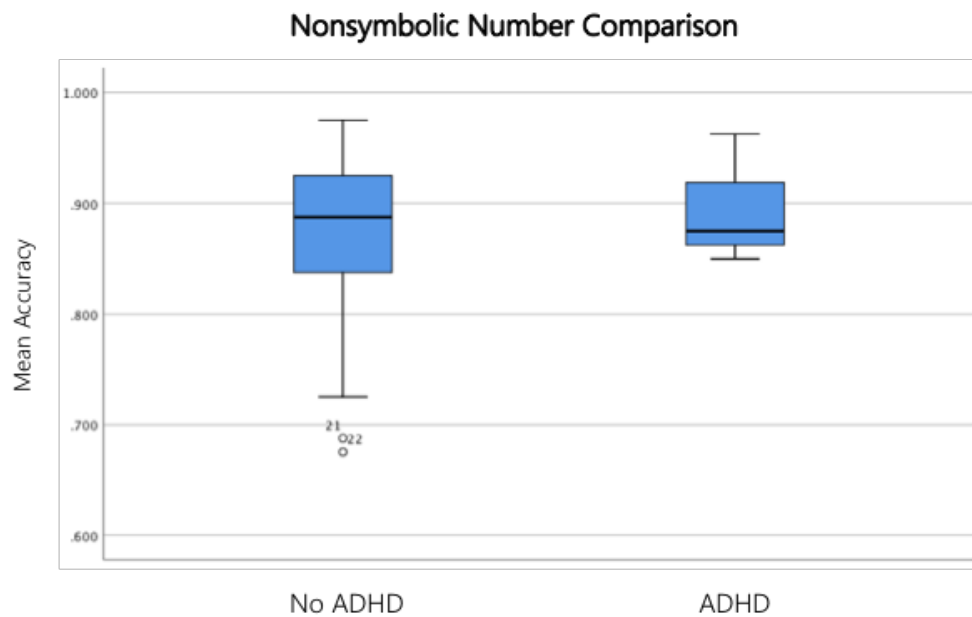


### Supplementary Figure S3:

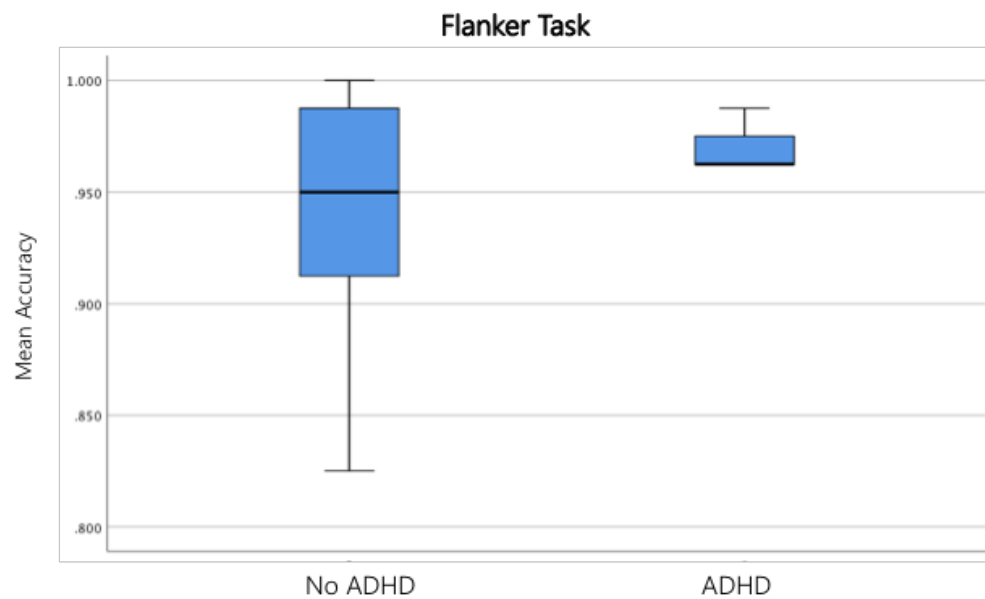
#### NONSYMBOLIC NUMBER COMPARISON

	ADHD diagnosis	N	Mean	Std. Deviation	Group comparison t-test
Mean Accuracy	NO	37	.87061	.080753	$t(38) = -.527, p = .601$
	YES	3	.89583	.059073	
Mean Accuracy (incongruent trials)	NO	37	.80608	.123520	$t(38) = -.955, p = .631$
	YES	3	.84167	.104083	
Mean Accuracy (congruent trials)	NO	37	.93514	.079595	$t(38) = -.314, p = .755$
	YES	3	.95000	.066144	



## FLANKER TASK

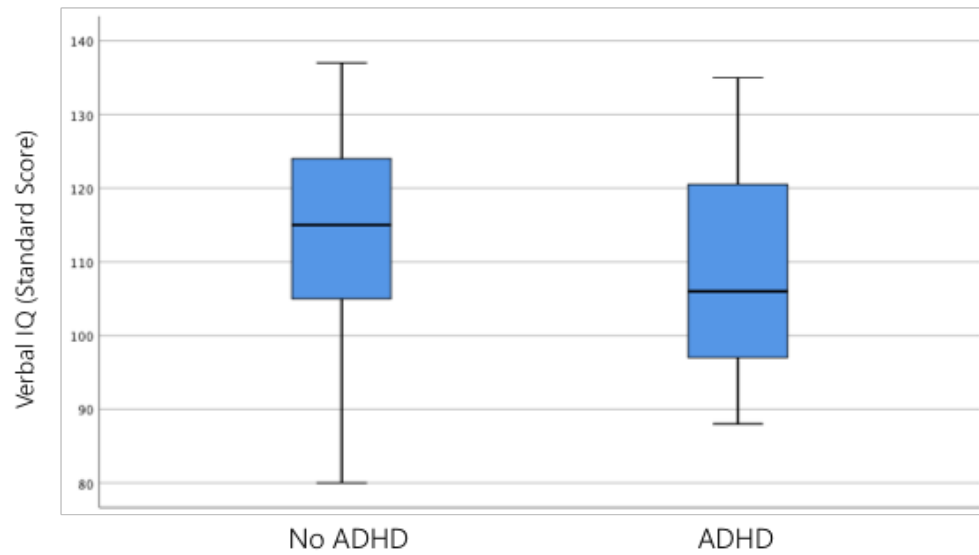
	ADHD diagnosis	N	Mean	Std. Deviation	Group comparison t-test
Mean Accuracy	NO	37	.94122	.050334	$t(38) = -1.005, p = .321$
	YES	3	.97083	.014434	
Mean Accuracy (incongruent trials)	NO	37	.91284	.066307	$t(38) = -.955, p = .345$
	YES	3	.95000	.025000	
Mean Accuracy (congruent trials)	NO	37	.96959	.043754	$t(38) = -.861, p = .395$
	YES	3	.99167	.014434	



## VERBAL IQ

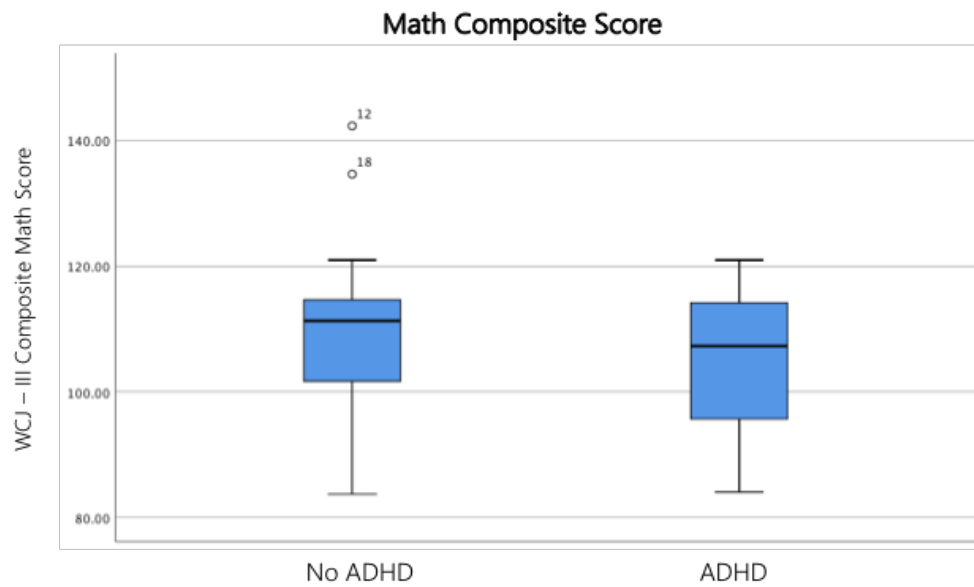
	ADHD diagnosis	N	Mean	Std. Deviation	Group comparison t-test
Mean Accuracy	NO	37	114.46	12.952	$t(38) = .581, p = .564$
	YES	3	109.67	23.714	

K-BIT II Verbal IQ



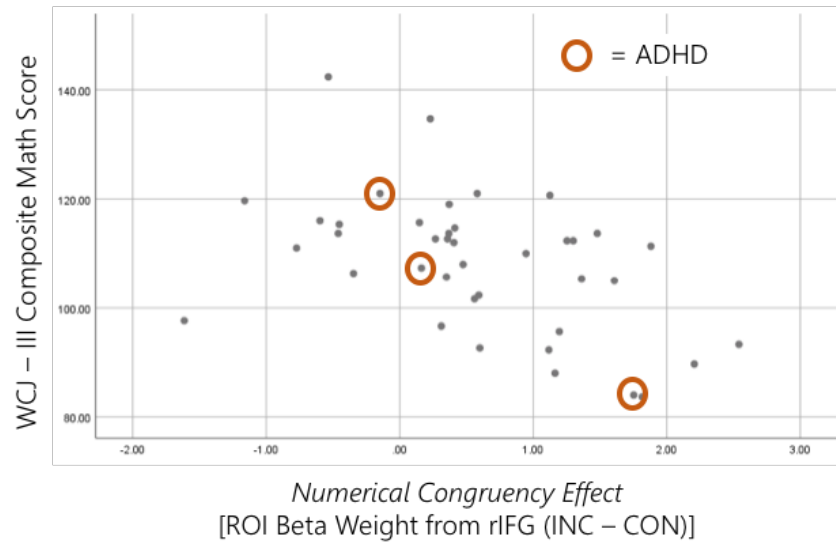
## WOODCOCK JOHNSON -III MATH COMPOSITE STANDARD SCORE

	ADHD diagnosis	N	Mean	Std. Deviation	Group comparison t-test
Mean Accuracy	NO	37	104.8288	11.34548	$t(38) = .584, p = .562$
	YES	3	100.6667	18.90620	



## BETA WEIGHT SCATTER PLOTS FOR rIFG → MATH CORRELATIONS

Scatterplot of beta weights extracted from rIFG  
(incongruent – congruent trials) by math  
[corresponding to Figure 3, Tables 3-5]



Scatterplot of beta weights extracted from rIFG  
(incongruent – congruent trials) by math  
[corresponding to Figure 4, Table 6]

